Application/Control No. Applicant(s)/Patent under Index of Claims Reexamination 09/842,587 FARAG ET AL. Examiner Art Unit 2671 CLIFF N. VO (Through numeral) Cancelled Rejected Non-Elected **Appeal** N Α 0 ł Interference Allowed Restricted Objected Claim Date Claim Date riginal inal

Œ	ğ	8							:		ΙĒ	Ö										证	ę.									
	1			┪		$\vdash$	$\dashv$		$\exists$	_	1	51		$\vdash$	$\dashv$	-	+	+	$\dagger$	$\dashv$			101	$\dashv$	$\dashv$		H	$\dashv$	-	-		┥.
-	2	=	+	$\dashv$		H	$\dashv$		$\dashv$		$\vdash$	52		$\vdash$			+	╁	1	$\vdash$		-	102	-	-		╁┈┤		-	$\dashv$	+	-
-	3	┌	Н	$\dashv$		$\vdash$	$\dashv$		$\vdash$	_	$\vdash$	53	$\neg$	$\vdash$	-	$\dashv$	+	+	+	$\dashv$	ŀ		103	-	$\dashv$		Н	$\dashv$	-	$\dashv$	$\dashv$	$\dashv$
	4	Н	+	$\dashv$		$\vdash$	$\dashv$				_	54		$\vdash$	$\dashv$	$\dashv$	╅	╁	+				104	-+	-		$\vdash$	$\dashv$	+	-+	-	$\dashv$
	5	╫	$\vdash$	$\dashv$		$\dashv$	$\dashv$				$\vdash$	55	-	$\dashv$	-	$\dashv$	+	╁	+	-	ŀ		105	$\dashv$	$\dashv$		H	-	-	-+	$-\vdash$	-
	6	╫	$\vdash$	$\dashv$		$\dashv$	$\dashv$		$\dashv$		$\vdash$	56		$\dashv$	$\dashv$	+	+	╁	1-		ŀ		106	-	$\dashv$		$\vdash$	$\dashv$	-	-+		$\dashv$
-	7	╫	$\vdash$	$\dashv$		$\vdash$	$\dashv$		$\vdash$		-	57		$\dashv$		-	+	╁╌	+	-	::: <b> </b>		107		-		$\vdash$	$\dashv$	-	$\dashv$	+	$\dashv$
	8	=	+	$\dashv$	-	$\dashv$	$\dashv$		$\dashv$	_		58		$\dashv$	$\dashv$	+	+	╆	+	-			108	$\dashv$	$\dashv$		Н	$\dashv$	-	$\dashv$	+	$\dashv$
-	9	Ξ	H	$\dashv$		$\dashv$	$\dashv$		$\vdash$			59		-			╌	+-	+				109	-	-		H	$\dashv$		$\dashv$	+	┪
	10	ि	╁╌┤	ᅱ		Н	$\dashv$	_	$\vdash$			60	-	$\dashv$	$\dashv$	$\dashv$	+	╁	1-	$\dashv$	H		110	$\dashv$	ᅱ		Н	$\dashv$	-	$\dashv$	+	$\dashv$
	11	╫	H	$\dashv$	_	$\forall$	$\dashv$		$\dashv$			61		$\dashv$	$\dashv$	-	+	╁	+-		-		111	$\dashv$	$\dashv$	_	Н	$\dashv$	$\dashv$	$\dashv$	+	$\dashv$
	12	н	H	$\dashv$		$\vdash$	$\dashv$		-			62		$\dashv$	$\dashv$	+	+	+	$\vdash$	$\dashv$	H		112	$\dashv$	$\dashv$	_	Н	$\dashv$		+		$\dashv$
-	13	╁╋	H	$\dashv$	-				$\vdash$			63		$\vdash$	-		+	╁	1	-			113		$\dashv$		$\vdash$	$\dashv$	$\dashv$	$\dashv$	+	$\dashv$
-	14	╫	$\vdash$	$\dashv$	-	$\vdash$	$\dashv$		$\vdash$			64	-	-	-	$\dashv$	+	╁	╁				114	$\dashv$	$\dashv$	_	Н	$\dashv$	$\dashv$	$\dashv$		
<u> </u>	15	H	$\vdash$	$\dashv$		$\vdash$	$\dashv$	-	$\vdash$		$\vdash$	65	-		-		+-	╁╌	+	$\dashv$			115	$\dashv$	$\dashv$		Н			$\dashv$		$\dashv$
-	16	H	$\vdash$	$\dashv$		$\vdash$	$\dashv$		$\vdash$		$\vdash$	66	$\vdash$	$\vdash$	$\dashv$	+	+	+	$\vdash$	$\dashv$	ŀ	-	116		$\dashv$	_	Н	$\dashv$		$\dashv$	-+	$\dashv$
$\vdash$	17	É	+			$\vdash$		$\dashv$		-	$\vdash\vdash\vdash$	67	$\vdash$	$\vdash$	-	+	+	+	$\vdash$				117				$\vdash \vdash$	-	$\dashv$	+	+	$\dashv$
-	18	Γ	+		-					-	H	68	$\vdash$		-	+	+	+	$\vdash$				118	$\dashv$	$\dashv$		Н	$\dashv$	$\dashv$	$\dashv$	+	
-	19	H	H	$\dashv$	-	$\dashv$			$\dashv$	_		69		$\dashv$	$\dashv$	$\dashv$	+	+	+		::: <b>:</b>		119	$\dashv$			Н		$\dashv$	$\dashv$	+	-
	20	且	Н	$\dashv$			$\dashv$	-	$\dashv$			70		$\dashv$	$\dashv$	$\dashv$	+	+	+				120	$\dashv$	$\dashv$		Н	+	$\dashv$	+	+	-
$\vdash$	21			$\dashv$				$\dashv$	$\dashv$			71	-	$\vdash$	$\dashv$	$\dashv$	+	┼	╫┈┤	-			121	$\dashv$	-		Н	+		-+		
	22	7	1		_	-			$\dashv$			72	$\dashv$	$\vdash$	ᅱ	+	+-	╁	╁╌┤	<u>`</u>	::::	-	122	-			Н	-	$\dashv$	+		-
	23	╫	$\vdash$	$\dashv$		-1	$\dashv$	$\dashv$	$\dashv$			73			-	+	+	+	$\vdash$				123	$\dashv$			$\vdash$	_	$\dashv$	+	+	4
	24	₩	$\vdash$					$\dashv$	$\dashv$			74		$\vdash$	-	$\dashv$	+-	+	+					∸┨	$\dashv$		Н	-	$\dashv$	-	+	_
	25	╫	$\vdash$			$\dashv$	$\dashv$	$\dashv$	$\dashv$			75		-	-			╁	$\vdash$		:::}	-	124				$\vdash \vdash$			+	+	4
		H	-	$\dashv$	_	$\dashv$	$\dashv$	$\dashv$	$\dashv$			76		$\vdash$	-	$\dashv$	+	┿	$\vdash$				125				$\vdash$	_	$\dashv$	+	+	_
	26 27	Н	+	$\dashv$		$\dashv$	$\dashv$	$\dashv$				77	-	$\dashv$		+		+-	-				126 127	$\dashv$	_		Н	_	$\dashv$		-	_
	28	₩	Н	$\dashv$		$\dashv$	$\dashv$		$\dashv$			78	-		-	$\dashv$	+-	+	+				128	$\dashv$	$\dashv$		Н	$\dashv$	$\dashv$	-	+	-
	29	₩	Н	$\dashv$		$\dashv$	$\dashv$	$\dashv$				79		H		+	+	+	+		-		129	$\dashv$	$\dashv$		Н	$\dashv$	$\dashv$	+	-+	_
	30	Н	$\vdash$	$\dashv$	-	$\dashv$	$\dashv$	$\dashv$	-			80	-	$\dashv$	-	+	+	╁	+				130	┥	-		Н		$\dashv$	+	+	_
	31	Н	$\vdash$	$\dashv$		$\dashv$	$\dashv$	$\dashv$	$\dashv$			81			$\dashv$	$\dashv$	+	+	$\vdash$		::::		131	$\dashv$			Н		$\dashv$	$\dashv$	-	-
	32	₩	Н	$\dashv$	_	$\dashv$	$\dashv$	$\dashv$	$\dashv$			82		-	$\dashv$	$\dashv$	+	+	$\vdash$				132				Н	$\dashv$	$\dashv$	+		-
	33	╁	╁┯┤	$\dashv$		$\dashv$	$\dashv$	$\dashv$	$\dashv$			83	-	$\dashv$			+	+	+		::: <b>:</b>		133	$\dashv$	-		Н	$\dashv$	$\dashv$	+	+	-
	34	H				$\dashv$	$\dashv$	$\dashv$	$\dashv$			84		$\dashv$	-	-	╁	+	$\vdash$		•	-	134	$\dashv$			Н		-	$\dashv$	+	-
	35	-	+	╅		$\dashv$	$\dashv$	$\dashv$	$\dashv$		<del> </del>	85	-	-	-	+	+	+	+	$\dashv$	·····		135				Н	$\dashv$	$\dashv$	$\dashv$	+	-
	36	F	$\vdash$	$\dashv$	-	$\dashv$	$\dashv$	$\dashv$	⊣	-	$\vdash$	86		$\vdash$	-	$\dashv$	+	+	+	$\dashv$	:::: <b> </b>		136	$\dashv$	$\dashv$		Н	$\dashv$	$\dashv$	-+	+	$\dashv$
<del></del>	37	$\vdash$	$\vdash$	$\dashv$				-	$\vdash \vdash$		$\vdash \vdash$	87	$\vdash$	$\vdash$	-	$\dashv$	+-	+-	+	$\dashv$	::: -		137	$\dashv$	$\dashv$		$\vdash$	-	$\dashv$	$\dashv$	-+-	$\dashv$
-	38	╁╾	$\vdash$	$\dashv$	-	$\dashv$	ᅱ		$\vdash \vdash$		$\vdash$	88	$\dashv$	$\vdash$	$\dashv$	-	+-	+	+			$\dashv$	138	$\dashv$	-+		$\vdash$			$\dashv$	+	$\dashv$
<u> </u>	39	├	$\vdash$			$\dashv$	-	$\dashv$	$\vdash$			89	$\vdash$		$\dashv$	+	+	+	+	$\dashv$			139			_	Н	$\dashv$	$\dashv$	$\dashv$	+	$\dashv$
	40	╁	$\vdash$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\vdash \vdash$		$\vdash$	90	$\vdash$	$\vdash$	-	+	+	+-	+	$\dashv$			140	$\dashv$	$\dashv$		Н	-+	$\dashv$	$\dashv$	+	$\dashv$
	41	╁	H	$\dashv$	-	$\vdash$	$\dashv$		$\vdash \vdash$		$\vdash$	91	$\dashv$	$\vdash$	-	$\dashv$	+-	+	$\vdash$		::: -		141	$\dashv$	$\dashv$		$\vdash$		-+	+		$\dashv$
-	42	╁	$\vdash$	╅	-	$\dashv$	$\dashv$	$\dashv$	$\vdash$		$\vdash \vdash \vdash$	92	-	-	$\dashv$	$\dashv$	+	+	+	$\dashv$	iii)		141	$\dashv$	-		Н	-	-+	+	+	-
_	43	├	$\vdash$		-			$\dashv$	$\vdash$		$\vdash \vdash$	93	$\dashv$		-	$\dashv$	+	+	+	$\dashv$	•		143	$\dashv$			Н	+	$\dashv$	+	+	$\dashv$
<u> </u>	44	$\vdash$	$\vdash$	$\dashv$	$\dashv$	-	-		$\vdash$		$\vdash$	94	-	$\dashv$	$\dashv$	-+	+	╁	+	$\dashv$		-	144		$\dashv$	_	$\vdash$	$\dashv$	$\dashv$	$\dashv$	+	$\dashv$
-	45	┈	H		$\dashv$		$\dashv$	$\dashv$	⊢┼		$\vdash$	95	$\vdash$		$\dashv$	$\dashv$	+	╁	+-	$\dashv$	:::}	-	144	$\dashv$		-	$\vdash$	-	$\dashv$	+	+	$\dashv$
-	46	$\vdash$	H	$\dashv$	-		$\dashv$	$\dashv$	$\vdash \vdash$	_	$\vdash\vdash\vdash$	96	$\vdash$	$\vdash$	-	+	+	╁	$\vdash$	$\dashv$			146	$\dashv$	$\dashv$		$\vdash \vdash$	-	-	$\dashv$	+	$\dashv$
$\vdash$	47	$\vdash$	$\vdash$	$\dashv$	$\dashv$	$\vdash$			$\vdash$		$\vdash \vdash$	97	$\dashv$	$\vdash$	-		+	+	╂╌┤	$\dashv$	⊪		147		-		Н	+	$\dashv$	+	+	-
<u> </u>	48	$\vdash$	$\vdash$			-			$\vdash$		$\vdash \dashv$	98	$\dashv$	$\dashv$	-	-+	╁	+-	+-	$\dashv$	:::  <b> </b>		148	<del> </del>	$\dashv$		$\vdash$		-+	+	+	-
-	49	-	$\vdash$	$\dashv$		$\vdash$	$\dashv$	$\dashv$	$\dashv$	_	$\vdash \vdash$	99	-	$\dashv$	-		+-	+	+				149		-				-+	+	+	$\dashv$
-	50	-	$\vdash$	$\dashv$	$\dashv$	$\dashv$	+	$\dashv$	$\dashv$	_	$\vdash$	100			-	-+	+-	╀	-				150		$\dashv$		-	-	$\dashv$	-+	+	$\dashv$
Ь	1 30			_			į		ш		 ш	100				L			لـــا	:لـــــ	::::		150				Щ					J